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Verify Caller Account with Attestation

Oracle Customer Solutions for Industries- Communications

Caller identity theft and spoofing have surged with the rise of robocalling systems, leading to significant financial losses for both telecom service providers and enterprises. According to the Federal Trade Commission, Americans lost over $2.7 billion to phone scams in 2022 alone, underscoring the urgent need for effective solutions. Oracle Communications Converged Application Server (OCCAS) addresses these challenges with its advanced Caller Attestation technology. By verifying the authenticity of caller identities and preventing fraudulent activities, OCCAS helps protect against the malicious use of SIP-based networks. This technology not only safeguards service providers from revenue loss but also shields enterprises from the disruption caused by fraudulent calls, ensuring that resources are utilized effectively and customer interactions remain secure.

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Caller Attestation Technology Powered OCCAS

The Oracle Caller Attestation solution features the Oracle Communications Converged Application Server (OCCAS) middleware platform and Application delivery model defined by the Alliance for Telecommunications Industry Solutions (ATIS). The framework provides a mechanism for one Service Provider to attest to the integrity of a calling line identity originating from its network and a complimentary mechanism for a peer service provider to verify that same calling line identity.

The Solution can generate the key to connect to your trusted Certificate Authority digitally sign the calls, create an identity header (Originating Network) using the Oracle STI-AS application, and verify the signature with Oracle STI-VS (Terminating network). Based on the validation, the status is conveyed to the SIP network function to act and identify the caller as good or bad.
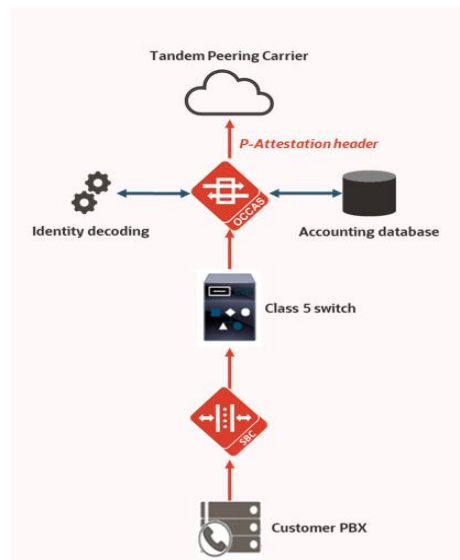
How does Caller Attestation help organizations?

- **Fraud Prevention**: Caller attestation helps verify the authenticity of a call, reducing the risk of spoofing and impersonation.
- **Regulatory Compliance**: In many regions, regulations require certain levels of call authentication to protect consumers.
- **Reduced Costs**: By minimizing the volume of fraudulent calls, service providers reduce operational costs.

Caller Attestation Service Details

Oracle Customer Solution for Industries - communications has the in-depth expertise and experience to deliver this important protection to our Service Providers and Enterprise customers. This turn-key solution will include end-to-end service from planning and delivery to post-cutover administration, delivered by working cooperatively with the customer's technical team throughout the entire process.

1. Data Sheet / Oracle Customer Solutions for Industries- Communications – Verify Caller Account with Attestation Technology

Oracle Caller Attestation and Implementation services rely on proven methods and processes, allowing customers to achieve desired outcomes while avoiding problems and unforeseen complications. Customers can rely on repeatable policies and procedures based on worldwide Oracle Communications products and solutions deployments.

Key Benefits

- Mature, field-tested, Carrier-Grade platform
- Field Proven platform software at a massive deployment scale
- Seamlessly scalable
- Open architecture extensibility, & integration with 3rd-party components and internal business systems
- On-demand development model ensuring close collaboration during lab, pre-production, and post-production conversations
- Caller Attestation Applications are extensible modules
- A modular architecture model enables efficient deployment, unprecedented flexibility, scale, and ease of evolution

Improve your Network Performance with Oracle Caller Attestation Experts!

Created by a highly skilled team of Oracle communications experts, the Caller Attestation solution enables Telecom Service Providers and Enterprises to protect their customers from fraudulent calls with exceptional customer success. With hundreds of service providers and thousands of enterprises trusting Oracle Communication applications to secure their voice networks, Oracle has the experience to help telecom organizations ensure that when it comes to customer satisfaction, your network integrity remains uncompromised.

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2. Data Sheet / Oracle Customer Solutions for Industries- Communications – Verify Caller Account with Attestation Technology

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